

- 2            said shape is of thickness less than .065 inches.
- 1    3. The EMI shield of claim 1 wherein
- 2            said shape has a metal coating on one or more of the outer surface, the inner surface and the
- 3            edges thereof.
- 1    4. The EMI shield of claim 1 wherein
- 2            said metal coating is vacuum deposited aluminum vapor.
- 1    5. The EMI shield of claim 1 wherein
- 2            said polymeric material is from the group consisting of polyvinyl chloride, polyethylene
- 3            terephthalate, acrylonitrile-butene-styrene, polyimide, liquid crystal polymer,
- 4            polyetherimide, polysulfone, polycarbonate, polyphenylene sulfide, high-impact
- 5            polystyrene, glycol-modified polyester, and polypropylene.
- 1    6. The EMI shield of claim 1 wherein
- 2            said shape comprises a multiplicity of enclosures joined by webs.
- 1    7. The EMI shield of claim 6 wherein
- 2            each of said enclosures has a plurality of sidewalls and an endwall,
- 3            said enclosures may be folded about said webs into touching engagement therebetween.
- 1    8. The EMI shield of claim 7 wherein
- 2            said enclosures are retained in engagement by conductive means.
- 1    9. The EMI shield of claim 6 wherein
- 2            said webs have no metal coating thereon.
- 1    10. The EMI shield of claim 1 wherein
- 2            said shape is of thickness less than .065 inches,
- 3            said shape has a metal coating on one or more of the outer surface, the inner surface and the
- 4            edges thereof,
- 5            said metal coating is aluminum.
- 1    11. The EMI shield of claim 1 wherein

2        said shape comprises a pair of enclosures joined by a web,  
3        said enclosures being generally identical.  
4        said web comprising a flexible hinge,  
5        a first of said enclosures folded about said hinge to interconnect with the other of said  
6        enclosures.  
7        means to retain said enclosures in electrically conductive interconnection.

1        12. A thin-walled polymeric body for shielding EMI comprising  
2            a polygonal shape formed from thin polymeric sheet which has been heated and drawn into  
3            a mold or onto a die,  
4            said shape having inner surfaces and outer surfaces,  
5            said shape having a conductive metal vapor coating on selected surfaces thereof,  
6            said coating being of thickness of at least 1 micron.

1        13. The body of claim 12 wherein  
2            said polygonal shape comprises a multiplicity of sidewalls and an endwall,  
3            said sidewalls and said endwall are of thickness less than .065 inches.

1        14. The body of claim 12 wherein  
2            said polymeric sheet comprises one of the group consisting of polyvinyl chloride,  
3            polyethylene terephthalate, acrylonitrile-butene-styrene, polyimide, liquid crystal  
4            polymer, polyetherimide, polysulfone, polycarbonate, polyphenylene sulfide, high-  
5            impact polystyrene, glycol-modified polyester, and polypropylene.

1        15. The body of claim 12 wherein  
2            said metal vapor coating is aluminum.

1        16. The body of claim 12 wherein  
2            said shape comprises a pair of substantially similar enclosures interconnected by an integral  
3            hinge,  
4            each of said enclosures having sidewalls joined by an endwall,

5           said enclosures pivotable about said hinge into touching engagement of the sidewalls  
6           thereof,

7           mechanical means to retain said enclosures in engagement,  
8           each of said sidewalls being electrically conductive with said other of said sidewalls.

1       17. The body of claim 16 wherein  
2           said engaged enclosures contain an enclosed space,  
3           means for passage of selected electrical signals into the space within said engaged  
4           enclosures.

1       18. The body of claim 12 wherein  
2           said shape comprises a multiplicity of polygons interconnected by integral webs.

1       19. The body of claim 18 wherein  
2           each of said polygons has an open side,  
3           each of said webs having no conductive metal coating thereon.

1       20. The body of claim 14 wherein  
2           said metal coating is from 1 to 50 microns in thickness,  
3           said sheet is from .006 to .065 inches in thickness.